

Title (en)
FUEL CELL

Title (de)
BRENNSTOFFZELLE

Title (fr)
PILE À COMBUSTIBLE

Publication
EP 2790255 B1 20170816 (EN)

Application
EP 11877048 A 20111206

Priority
JP 2011006809 W 20111206

Abstract (en)
[origin: EP2790255A1] A fuel cell includes an electrolyte membrane, a first electrode, a second electrode and a stress suppressing structure. The first electrode is joined to one surface of the electrolyte membrane. The second electrode is joined to an other surface of the electrolyte membrane. The first peripheral section which is at least part of periphery of the first electrode is located on an inner side along a planar direction of the first electrode than respective peripheries of the electrolyte membrane and the second electrode. The stress suppressing structure is configured to suppress concentration of stress on a location along the first peripheral section in the electrolyte membrane.

IPC 8 full level
H01M 8/02 (2016.01); **H01M 8/10** (2016.01); **H01M 8/24** (2016.01)

CPC (source: CN EP US)
H01M 8/02 (2013.01 - CN); **H01M 8/023** (2013.01 - EP US); **H01M 8/0271** (2013.01 - EP US); **H01M 8/0273** (2013.01 - US); **H01M 8/0297** (2013.01 - EP US); **H01M 8/241** (2013.01 - EP US); **H01M 8/2457** (2016.02 - US); **H01M 8/0276** (2013.01 - EP US); **H01M 8/028** (2013.01 - EP); **H01M 2008/1095** (2013.01 - CN EP US); **H01M 2250/20** (2013.01 - CN EP US); **Y02E 60/50** (2013.01 - EP); **Y02T 90/40** (2013.01 - EP US)

Cited by
CN107112562A; WO2016116441A1; WO2022263394A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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